

## Assembly Instructions for the Gadsden Flag Inlay Kit



This kit is made up of 3 pieces of yellow and green dyed Basswood and black colored 5 minute 2-part epoxy. The epoxy does not come with the kit but can be purchased at any hardware store. We'll start by sliding the brass tube from your PSI 30cal Bolt Action pen kit into the yellow barrel and carefully insert the 2 green grass pieces into position. Remove the brass tube and use thin CA glue to lock the pieces in place. Also, cover the "Dont tread on me" text with thin CA glue as well.

Because of the amount (approx. 22) and size of the black diamonds in the snake I decided to cut the shapes out and fill them with 2-part epoxy with a bit of black acrylic paint added. I cut a piece of plastic from a pen kit parts baggie to wrap around a dowel and slide into the yellow barrel to capture the black epoxy as it cures. Mix the epoxy slowly to minimize the amount of bubbles created. Use a flat toothpick to transfer the epoxy into the laser cut recesses in the barrel poking it from time to time to eliminate any bubbles that might get trapped. Screed off as much excess as you can and allow to cure. Once the 2-part epoxy is fully cured remove the brass tube and the plastic from the baggie and then glue the brass tube into the barrel using 2-part epoxy. Once cured, sand the ends of the barrel flush with the brass tube ( don't use a barrel trimmer for this) and mount on the lathe for final turning and finishing.

Any finish will work well on the laser kits from a CA finish to a friction finish.